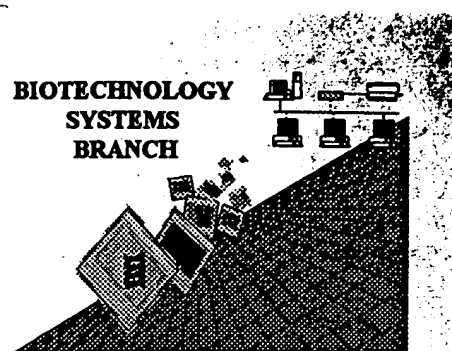


Portner

re-run

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/252,691

Art Unit / Team No. : 1641

Date Processed by STIC: 9/1/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/252,691

DATE: 09/01/1999
TIME: 15:06:32

Input Set: I252691.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> Keith G. Weinstock et al.
2 <120> NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER
3 CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS
4 <130> 107196.135
5 <140> US/09/252,691
6 <141> 1999-02-18
7 <160> 11324

ERRORED SEQUENCES FOLLOW

E--> 8 <210> 5664
9 <211> 77 76 shown
10 <212> PRT
11 <213> Enterobacter cloacae
12 <400> 5664
13 Ser Arg Thr Arg Gln Glu Arg Lys Ser Lys Thr Asp Arg Lys Lys Arg
14 1 5 10 15
15 Asn Arg Lys Glu Gln Gly Ser Lys Thr Pro Gln Glu Glu Asn Pro Asn
16 20 25 30
17 Lys Thr Lys Ala Asn Arg Arg Asp Ser Ser Gln Asn Thr Ser Arg Asp
18 35 40 45
19 Thr Lys Thr Thr Glu Ala Thr Pro Ile Gln Lys Asp Gly Asp Asn Ile
20 50 55 60
21 Ser Thr Lys Lys Thr Asn Arg Asp Lys Asn Arg Thr
22 65 70 75

E--> 23 <210> 5666
24 <211> 89 88 shown
25 <212> PRT
26 <213> Enterobacter cloacae
27 <400> 5666
28 Ser Ser Gly Cys Arg Gln Glu Asn Arg Leu Ser Val Gly Asn Ser Ile
29 1 5 10 15
30 Gly Gln Asp Arg Arg Phe Leu Phe Lys Tyr Met Pro Glu Leu Glu Ser
31 20 25 30
32 Tyr Phe His Tyr Arg Tyr Leu Asp Val Ser Thr Leu Lys Glu Leu Ala
33 35 40 45
34 Arg Arg Trp Lys Pro Glu Ile Phe Asp Gly Phe Thr Lys Gln Gly Thr
35 50 55 60
36 His Gln Ala Met Asp Asp Ile Arg Glu Ser Val Ala Glu Leu Ala Tyr
37 65 70 75 80
38 Tyr Arg Glu Asn Phe Ile Lys Leu

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/252,691DATE: 09/01/1999
TIME: 15:06:32

Input Set: I252691.RAW

39

85

E--> 40 <210> 5667
 41 <211> 131 130 shown
 42 <212> PRT
 43 <213> Enterobacter cloacae
 44 <400> 5667
 45 Pro Ala Thr Ala Gly Tyr Ala Arg Arg Val Glu Asn Asn Met Ser Ala
 46 1 5 10 15
 47 Asp Glu Asn Asn Leu Ile Trp Ile Asp Leu Glu Met Thr Gly Leu Asp
 48 20 25 30
 49 Pro Glu Arg Asp Arg Ile Ile Glu Ile Ala Thr Leu Val Thr Asp Ala
 50 35 40 45
 51 Asn Leu Asn Ile Leu Ala Glu Gly Pro Thr Ile Ala Val His Gln Ser
 52 50 55 60
 53 Asp Asp Gln Leu Ala Leu Met Asp Glu Trp Asn Val Arg Thr His Thr
 54 65 70 75 80
 55 Gly Ser Gly Leu Val Glu Arg Val Lys Ala Ser Thr Leu Gly Asp Arg
 56 85 90 95
 57 Glu Ala Glu Leu Ala Thr Leu Glu Phe Leu Lys Gln Trp Val Pro Ala
 58 100 105 110
 59 Gly Lys Ser Pro Ile Cys Gly Gln Gln His Trp Ser Gly Ser Ser Phe
 60 115 120 125
 61 Pro Val
 62 130

E--> 63 <210> 5668
 64 <211> 225 224 shown (next page)
 65 <212> PRT
 66 <213> Enterobacter cloacae
 67 <400> 5668
 68 Pro Leu Pro Leu Ser Trp Gln Ser Val Val Lys Thr Ser Ala Thr Phe
 69 1 5 10 15
 70 Phe Thr Asn Ile Thr Leu Gly Lys Leu Ser Leu Leu Phe Leu Ala Leu
 71 20 25 30
 72 Gly Val Ala Tyr Ala Ala Ile Arg Arg Thr Leu Leu Ile Val Tyr Pro
 73 35 40 45
 74 Pro Ile Leu Ser Asp Gly Leu Phe Asn Phe Val Val Met Gln Thr Leu
 75 50 55 60
 76 Phe Tyr Ile Pro Phe Phe Leu Ile Gly Ala Leu Ala Phe Ile His Pro
 77 65 70 75 80
 78 Arg Leu Lys Ala Leu Phe Thr Thr Pro Ser Pro Trp Cys Ala Val Gly
 79 85 90 95
 80 Ala Ala Leu Ala Phe Ala Ala Tyr Leu Leu Asn Gln Arg Tyr Gly Ser
 81 100 105 110
 82 Gly Asp Ala Trp Met Tyr Glu Thr Glu Ser Val Ile Thr Met Leu Met
 83 115 120 125
 84 Gly Leu Trp Met Val Asn Val Val Phe Ala Leu Gly His Arg Leu Leu
 85 130 135 140
 86 Asn Phe Lys Ser Ser Arg Val Thr Tyr Phe Val Asn Ala Ser Leu Phe

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/252,691DATE: 09/01/1999
TIME: 15:06:32

Input Set: I252691.RAW

87 145 150 155 160
 88 Ile Tyr Leu Val His His Pro Leu Thr Leu Phe Phe Gly Ala Tyr Ile
 89 165 170 175
 90 Thr Pro His Ile Ala Ser Asn Ala Leu Gly Phe Phe Thr Gly Leu Val
 91 180 185 190
 92 Phe Val Val Gly Ile Ala Ile Val Leu Tyr Glu Ile His Leu Arg Ile
 93 195 200 205
 94 Pro Leu Leu Arg Phe Leu Phe Ser Gly Lys Pro Gln Val Lys Ala Gly
 95 210 215 220
 E--> 96 225 *no amino acid shown*

E--> 97 <210> 5670
 98 <211> 308
 99 <212> PRT
 100 <213> Enterobacter cloacae
 101 <400> 5670
 102 Ser Pro Cys Ile Ile Ala Thr Leu Phe Ala Pro Glu Pro Ser Asp
 103 1 5 10 15
 104 Ile Pro Phe Pro Arg Ser Leu Glu Gln Ala Val Ala Ala Pro Phe
 105 20 25 30
 106 Asp Phe Phe Gly Arg Asn Asn Ala Trp Leu Ile Leu Leu Ile
 107 35 40 45
 108 Leu Tyr Lys Leu Gly Asp Ala Phe Ala Met Ser Leu Thr Thr Thr
 109 50 55 60
 110 Leu Ile Arg Gly Val Gly Phe Asp Ala Gly Glu Val Gly Val Val
 111 65 70 75 80
 112 Lys Thr Leu Gly Leu Phe Ala Thr Ile Val Gly Ala Leu Tyr Gly
 113 85 90 95
 114 Val Leu Met Gln Arg Leu Ser Leu Phe Arg Ala Leu Leu Ile Phe
 115 100 105 110
 116 Ile Leu Gln Gly Ala Ser Asn Ala Gly Tyr Trp Leu Leu Ser Ile
 117 115 120 125
 118 Asp Lys His Met Ile Ser Met Ala Thr Ala Val Phe Phe Glu Asn
 119 130 135 140
 120 Cys Gly Gly Met Gly Thr Ala Ala Phe Val Ala Leu Leu Met Thr
 121 145 150 155 160
 122 Cys Asn Lys Ser Phe Ser Ala Thr Gln Phe Ala Leu Leu Ser Ala
 123 165 170 175
 124 Ser Ala Val Gly Arg Val Tyr Val Gly Pro Val Ala Gly Trp Phe
 125 180 185 190
 126 Glu Ala His Gly Trp Pro Thr Phe Tyr Leu Phe Ser Val Val Ala
 127 195 200 205
 128 Val Pro Gly Ile Leu Leu Leu Leu Val Cys Arg Gln Thr Leu Glu
 129 210 215 220
 130 Thr Gln Arg Thr Glu His Phe Met Pro Arg Thr Glu Tyr Gln Ala
 131 225 230 235 240
 132 Tyr Arg Phe Ala Leu Arg Leu Leu Met Ala Gly Cys Leu Ala Leu
 133 245 250 255
 134 Val Trp Leu Ala Val Leu Ile Ile Asn Ala Thr Thr Thr Leu Ser
 135 260 265 270

*Due to size of listing, only
 these pages shown as sample of global
 error -
 are
 these
 format
 errors?*

Please review the

Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
 <223> fields of each sequence which presents at least one n or Xaa.

L-FYI